ALDAHOL® 1.8 ACTIVATOR SAFETY DATA SHEET

Alden Medical LLC

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identity: Aldahol® 1.8 Activator (aka Aldahol® V Activator)

Recommended use of the chemical and restrictions on use: Activate Aldahol® 1.8 (aka Aldahol® V) Solution

Supplier:
Alden Medical LLC
360 Cold Spring Avenue
West Springfield, MA 01089
Phone (413) 747-9717
Fax (413) 747-9721

Emergency Phone:
For Chemical Emergency
Spill, Leak, Fire, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300
Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

SDS Date of Preparation: August 7, 2025

2. HAZARDS IDENTIFICATION

GHS Classification:

Physical:	Health:	Environmental
Not Hazardous	Eye Corrosion Category 1 Skin Corrosion Category 1C	Not Hazardous

Note: This product is an FDA-regulated material and is labeled in accordance with the Food and Drug Administration Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products.

GHS Label Elements:	
Danger! Contains trisodium phosphate.	



Statements of Hazard

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.

Prevention

P260 Do not breathe mists.

P264 Wash thoroughly after handling.

P280 Wear protective gloves, protective clothing, eye protection and face protection.

Response

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with soap and water.

P363 Wash contaminated clothing before reuse.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P310 Immediately call a POISON CENTER or doctor

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage

P405 Store locked up.

Disposal

P501 Dispose of contents and container in accordance with local and national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
Trisodium Phosphate	7601-54-9	5-10%

4. FIRST AID MEASURES

Eye: Immediately flush eyes with plenty of water for at least 20 minutes while holding the eyelids apart. Remove contact lenses, if present and easy to do after the first 5 minutes, then continue flushing. Get immediate medical attention.

Skin: Immediately flush skin with plenty of water for 15 minutes while removing contaminated clothing and shoes. Get immediate medical attention. Launder clothing before re-use. Discard contaminated leather items.

Ingestion: Do not induce vomiting. If conscious, rinse mouth with a small amount of water and give one glass of water to dilute. Never give anything by mouth to an unconscious or drowsy person. Get immediate medical attention.

Inhalation: Remove victim to fresh air. Give artificial respiration if needed. If breathing is difficult, oxygen should be administered by qualified personnel. Get immediate medical attention.

Most important Symptoms: May cause severe eye and skin irritation and burns. Permanent damage may occur. Inhalation of vapor or mists may cause irritation or burns to the nose, throat, and upper respiratory tract. Swallowing may cause burns to the mouth, throat and stomach with abdominal pain, nausea, and vomiting.

Indication of immediate medical attention/special treatment: Immediate medical attention is required for eye and skin contact.

5. FIRE FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media: Use media appropriate for surrounding fire. Cool fire exposed containers and structures with water.

Specific hazards arising from the chemical: Combustion may produce toxic and corrosive vapors.

Special Protective Equipment and Precautions for Fire-Fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water spray. Contain water used in firefighting from entering sewers or natural waterways.

Explosion Data (sensitivity to mechanical impact or static discharge): None known.

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Evacuate spill area and keep unprotected personnel away. Prevent contact with the eyes. Avoid contact with skin and clothing. Wear appropriate protective clothing. Ventilate area with explosion-proof equipment. Eliminate all ignition sources. Avoid releases to the environment.

Methods and Materials for Containment and Cleaning Up: Contain and recover liquid if possible or absorb with an inert, non-combustible material. Place in a suitable container for disposal. Report releases as required by local, state and federal authorities.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Prevent contact with the eyes and skin. Wear chemical safety goggles or face guard. Avoid contact with skin and clothing. Do not breathe vapors or mists. Respirator use is recommended. Do not use surgical masks. Wear protective clothing and gloves. Use only with adequate ventilation to the outside. Wash thoroughly with soap and water after handling. Wash contaminated clothing before reuse.

Do not reuse containers. Empty containers retain product residues which can be hazardous. Follow all SDS precautions when handling empty containers.

Conditions for Safe Storage, Including Any Incompatibilities: Store in a cool, well-ventilated area away from acids and other incompatible materials. Keep container closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Trisodium Phosphate	5 mg/m3 STEL AIHA WEEL

Engineering Controls: Use with adequate general or local exhaust ventilation of at least 10 exchanges per hour to maintain exposure levels below the occupational exposure limits.

Respiratory Protection: In operations where the occupational exposure limits may be exceeded, an approved respirator with dust/mist cartridges or supplied air respirator should be used. Respirator selection and use should be based on contaminant type, form, and concentration. Follow applicable regulations and good Industrial Hygiene practice. Do not use surgical masks.

Skin Protection: Impervious gloves such as nitrile rubber are recommended to prevent skin contact. Contact glove manufacturer for specific information on glove selection and use.

Eye Protection: Face guard or chemical safety goggles are recommended.

Other: Impervious clothing may be required to prevent skin contact and contamination of personal clothing. An eye wash and safety shower should be available in the immediate work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Clear red liquid, no odor.

Physical State: Liquid	**Odor Threshold**: Not available
Vapor Density: same as water	**Initial Boiling Point/Range**: 212°F / 100°C
Relative Density: 1.06	**Vapor Pressure**: same as water
Melting/Freezing Point: 32°F / 0°C	**Evaporation Rate**: same as water
VOC Content: 0	**pH**: 11-13
Solubility: Soluble in water	**Octanol/Water Coefficient**: Not available
Viscosity: Not available	**Decomposition Temperature**: Not available
Flashpoint: Not flammable	**Flammability (solid, gas)**: Not applicable
Flammable Limits: LEL: Not applicable	**Autoignition Temperature**: Not applicable

UEL: Not applicable	

10. STABILITY AND REACTIVITY

Reactivity: Not normally reactive.

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: Avoid excessive heat

Incompatible Materials: Avoid strong acids

Hazardous Decomposition Products: Thermal decomposition may produce nitrogen and phosphorus oxide.

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:

Eye: Cause severe irritation with redness, tearing with possible burns. Permanent eye damage may occur.

Skin: May cause severe irritation or burns with redness, pain, and blistering.

Ingestion: Ingestion may cause burns to the mouth, throat and stomach with abdominal pain, nausea, and vomiting.

Inhalation: Vapors or mists may cause irritation or burns to the upper respiratory tract, nose, and throat.

Chronic: None known.

Sensitization: Trisodium phosphate is not a sensitizer based on the test results of a structurally similar chemical.

Carcinogenicity: None of the components present are listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, or OSHA.

Germ Cell Mutagenicity: Trisodium phosphate is not a mutagen based on the test results of a structurally similar chemical.

Reproductive Toxicity: Trisodium phosphate is not a reproductive toxicity based on the test results of a structurally similar chemical. NOAEL maternal toxicity: >3740 mg/kg. NOAEL developmental toxicity >370 mg/kg.

12. ECOLOGICAL INFORMATION

The product may affect the acidity of the water with risk of harmful effects to aquatic organisms.

Ecotoxicity: Trisodium phosphate: 96 hr LC50 Oncorhynchus mykiss > 100 mg/L; 48 hr EC50 Daphnia magna > 100 mg/L hr; 72 hr EC50 Desmodesmus subspicatus > 100 mg/L (structurally similar chemical)

Persistence and Degradability: Biodegradation is not applicable to inorganic substances such as trisodium phosphate.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available

Other Adverse Effects: No data available.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local and national environmental regulations.

14. TRANSPORT INFORMATION

DOT Hazardous Materials Description:
Proper Shipping Name: Corrosive liquid, basic n.o.s. (Trisodium Phosphate)
UN Number: UN3266

Hazard Class/Packing Group: 8, PG III
Labels Required: Corrosive liquid

IMDG Shipping Name: Corrosive liquid, basic n.o.s. (Trisodium Phosphate)
IMDG Hazard Class: UN3266
UN Number: 8, PG III
IMDG Hazard Labels Required: Corrosive liquid

IATA Shipping Name: Corrosive liquid, basic n.o.s. (Trisodium Phosphate)
IATA Hazard Class: UN3266
UN Number: 8, PG III
IATA Hazard Labels Required: Corrosive liquid

15. REGULATORY INFORMATION

CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements, however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

Hazard Category for Section 311/312: Acute Health

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None.

INTERNATIONAL CHEMICAL INVENTORY STATUS:

Australia AICS: All the components are listed.

Canada DSL: All the components are listed.

China IECSC: All the components are listed.

European Union EINECS: All the components are listed.

Japan ENCS: All the components are listed.

Korea KECL: All the components are listed.

Philippines PICCS: All the components are listed.

New Zealand: All the components are listed.

Taiwan: All the components are listed.

United States TSCA: All the components are listed.

16. OTHER INFORMATION

NFPA Rating: Health = 3 Flammability = 0 Instability = 0

HMIS Rating: Health = 3* Flammability = 0 Physical Hazard = 0

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Disclaimer: To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.